wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said flat panel display to display said image information.

REMARKS

Applicants will address each of the Examiner's rejections in the order in which they appear in the Office Action.

Claim Rejections - 35 USC §103

In the Office Action, the Examiner rejects Claims 1, 7, 13 and 19-26 under 35 U.S.C. §103(a) as being unpatentable over Schoolman taken with Catallo et al. in view of Spitzer.

The Examiner also has the following further rejections under 35 USC 103:

Claims 2 and 4 as being unpatentable over Schoolman taken with Catallo in view of Spitzer and further in view of Funai et al.

Claim 3 as being unpatentable over Schoolman taken with Catallo in view of Spitzer taken with Funai et al. and further in view of Oka et al.

Claim 5 as being unpatentable over Schoolman taken with Catallo in view of Spitzer and further in view of Intriligator taken with Lewis .

Claim 6 as being unpatentable over Schoolman taken with Catallo in view of Spitzer and further in view of Nishi et al.

Claims 8, 10, 14 and 16 as being unpatentable over Schoolman taken with Catallo in view of Spitzer and further in view of Funai et al.

Claims 9 and 15 as being unpatentable over Schoolman taken with Catallo in view of Spitzer taken with Funai et al. and further in view of Oka et al.

Claims 11 and 17 as being unpatentable over Schoolman taken with Cattallo in view of Spitzer and further in view of Intriligator taken with Lewis.

Claims 12 and 18 as being unpatentable over Schoolman taken with Catallo in view of Spitzer and further in view of Nishi et al.

These rejections are respectfully traversed.

The present invention is directed to an information processing device. The claimed information processing device comprises a display device mounted on a head of a user, a controller, and an input operation device. The claimed information processing device further comprises a camera or an image pick-up device. The display device is used to display information transmitted from the controller, which can be, for example, a computer. Further, the display device is used to display an image information transmitted from a TV tuner. Because the user can use the display device to see a computer information and a TV image information, it is not necessary to buy two head mount displays to see the computer information and the TV image information. Therefore, the user can save money by having only one head mount display.

Applicants respectfully submit that none of the cited references disclose or suggest the above claimed features. Accordingly, the rejected claims are patentable over these references, and it is respectfully requested that these §103 rejections be withdrawn.

Therefore, it is respectfully submitted that the application is now in a condition for allowance and should be allowed.

If any further fee is due for this amendment, please charge our deposit account 50/1039.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,

Date: Apr. 28, 2003

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Marked-up copies of the claims as amended:

IN THE CLAIMS:

Please amend the claims as follows:

1. (Fourth Amendment) An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on the head of a user;

a controller connected to said display device, wherein information is transmitted from said controller to at least one of said flat panel displays to display said information;

an input operation device connected to said controller; and

a camera,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel displays are capable of displaying a plurality of pieces of information at a time, and

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image information.

7. (Third Amendment). An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on a head of a user, each of said flat panel displays comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a camera;

a controller connected to said display device, wherein information is transmitted from said controller to at least one of said flat panel displays to display said information; and

an input operation device connected to said controller,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel displays are capable of displaying a plurality of pieces of information at a time,

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image information.

13. (Third Amendment). An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on a head of a user;

a controller connected to said display device, wherein information is transmitted from said controller to at least one of said flat panel displays to display said information;

an input operation device connected to said controller; and

an image pick-up device,

wherein said controller transmits a signal in the form of an electric wave to said display device, wherein said image pick-up device converts at least images of said input operation device and a hand of said user into electrical signals and supplies said electrical signals to said controller and wherein said flat panel displays display a plurality of pieces of information including at least said images of the input operation device and said hand of the user at a time, [and]

wherein said display device, said controller, said input operation device and said image pick-up device are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image information.

22. (Twice Amended) An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on a head of a user, each of said flat panel displays comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a controller connected to said display device, wherein information is transmitted from said controller to at least one of said flat panel displays to display said information;

an input operation device connected to said controller; and

a camera;

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel displays are capable of displaying a plurality of window screens at a time, [and]

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image information.

23. (Twice Amended) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user;

a controller connected to said display device, wherein information is transmitted from said controller to said flat panel display to display said information;

an input operation device connected to said controller; and

a camera,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel display is capable of displaying a plurality of pieces of information at a time, [and]

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said flat panel display to display said image information.

24. (Amended) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user, said flat panel display comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a camera;

a controller connected to said display device, wherein information is transmitted from said controller to said flat panel display to display said information; and

an input operation device connected to said controller;

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel display is capable of displaying a plurality of pieces of information at a time, [and]

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said flat panel display to display said image information.

25. (Amended) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user;

a controller connected to said display device, wherein information is transmitted from said controller to said flat panel display to display said information;

an input operation device connected to said controller; and

an image pick-up device;

wherein said controller transmits a signal in the form of an electric wave to said display device, wherein said image pick-up device converts at least images of said input operation device and a hand of said user into electrical signals and supplies said electrical signals to said controller and wherein said flat panel display displays a plurality of pieces of information including at least said images of the input operation device and said hand of the user at a time, [and]

wherein said display device, said controller, said input operation device and said image pick-up device are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said flat panel display to display said image information.

26. (Twice Amended) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user, said flat panel display comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a controller connected to said display device, wherein information is transmitted from said controller to said flat panel display to display said information;

an input operation device connected to said controller; and

a camera,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel display is capable of displaying a plurality of pieces of information at a time, [and]

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image information is transmitted from a TV tuner to said flat panel display to display said image information.